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AUG 15 2005
PATENT & TRADEMARK OFFICE

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PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Shintaro WASHIZU, et al.

Docket No: Q78911

Appln. No.: 10/733,450

Group Art Unit: 1763

Confirmation No.: 2318

Examiner: Lyons, M.

Filed: December 12, 2003

For: TARGET DETECTING APPARATUS, TARGET DETECTING METHOD AND TARGET DETECTION SUBSTRATE

INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. §§ 1.97 and 1.98

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicants hereby notify the U.S. Patent and Trademark Office of the documents which are listed on the attached PTO/SB/08 A & B (modified) form and/or listed herein, and which the Examiner may deem material to patentability of the claims of the above-identified application.

First, the Examiner is notified of the following co-pending applications disclosing related subject matter.

Serial No.	Applicant	Filing Date	Status	Publication No.
10/103,830	Kinoshita et al.	March 25, 2002	Allowed	2002-0168666
10/103,832	Kinoshita et al.	March 25, 2002	Pending	2002-0168756
10/103,831	Kinoshita et al.	March 25, 2002	Pending	2002-0168667

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10/103,829	Washizu et al.	March 25, 2002	Patented	2003-0017263
10/103,757	Kinoshita et al.	March 25, 2002	Pending	2002-0139961
10/103,833	Kinoshita et al.	March 25, 2002	Pending	2002-0168291
10/103,884	Kinoshita et al.	March 25, 2002	Pending	2003-0003476
10/247,678	Kinoshita et al.	Sept. 20, 2002	Pending	2003-0179381
10/752,024	Washizu et al.	Jan. 7, 2004	Pending	2004-0136643
11/109,774	Kinoshita et al.	Divisional of 10/103,830	Pending	

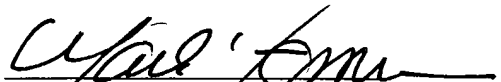
Second, on the attached PTO/SB/08 form, Applicants also list references cited in one or more co-pending application(s), which the Examiner may find material to the patentability of the present application.

The present Information Disclosure Statement is being filed before the mailing date of the first Office Action on the merits, and therefore, no Statement under 37 C.F.R. § 1.97(e) or fee under 37 C.F.R. § 1.17(p) is required.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account. A duplicate copy of this paper is attached.

Respectfully submitted,



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WASHINGTON OFFICE
23373
CUSTOMER NUMBER

Date: August 15, 2005

Substitute for Form 1449 A & B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 3

Complete if Known	
Application Number	10/733,450
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Art Unit	1763
Examiner Name	Lyons, M.
Attorney Docket Number	Q78911

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U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Document Number: Number	Document Number: Kind Code[2] (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
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	359/245	US 6,124,963		09/2000	Schumaker, Robert R.
	252/582	US 5,759,447		06/1998	Efron et al
	428/1.2	US 5,246,748		09/1993	Gillberg-Laforce et al
	428/333	US 4,828,917		05/1989	Wegner et al
	372/12	US 4,819,239		04/1989	Sharp et al
	359/289	US 4,796,981		01/1989	Nishimura et la
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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Foreign Patent Document: Country Code[3]	Foreign Patent Document: Number[4]	Foreign Patent Document: Kind Code[5] (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation[6]
		EP	1 288 662 A1		03/05/2003	Petr Ivanovich Nikitin	In English
		UK	2 245 971 A1		01/15/1992	Peter Stanley Belton	In English

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation[6]
		Thomas M. Cooper, et. Al., "Formation of Polypeptide-Dye Multilayers by an Electrostatic Self-Assembly Technique," LANGMUIR 1995, Vol. 11, no. 7, pp. 2713-2718.	
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		Robert J. Collier, et al, "Optical Holography," Chapter 9, §§9.1 & 9.2, pp. 228-233. Academic Press, New York	
		Baril et al, "Chromatography of ribonuclease treated myosin extracts from early embryonic chick muscle," Science (1964) 146:413-414.	
		Liu, et al., "Cell-ELISA using B-galactosidase conjugated antibodies" Journal of Immunological Methods 234 (February 2000) p. 153-167).	

Examiner Signature		Date Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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U.S. PATENT DOCUMENTS					
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		US			

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		JP	04-009743		01/14/1992	Fujita Keisuke et al	Abstract
		JP	2000-249644		09/14/2000	Shiratori Tokiaki	Abstract
		JP	07/075598		03/20/1995	Yamaguchi Hideichiro et al	Abstract
		JP	11-183479		07/09/1999	Kawada Shikako et al	Abstract
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		JP	63-222248		09/16/1988	Okahata Shigeo	Abstract
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		S. Sugai et al., Poly(γ-alkyl Glutamates), Journal of Polymer Science: Part A-2, Vol. 4, 183-198 (1966)	In English
		Crick, F.H.C., The Packing of α-Helices: Simple Coiled-Coils, Acta Cryst (1953) 6, 689-697	In English
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		Kinoshita, T., "Structural color forming system composed of polypeptide-based LB films," Nanotechnology and Nano-Interface Controlled Electronic Devices, Chapter 13, 2003, pp. 233-252	In English
		Miyagi, T. "Structural Color with Polypeptide LB Film," Transactions of the Materials Research Society of Japan, 27 3, 555-558 (2002)	In English
		Yokoi, H., "Polypeptide membranes at an interface," Prog. Polym. Sci., pp. 341-357, 2003.	In English

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		Buchel, M. et al., "Langmui-Blodgett-Kuhn Multilayers of Polyglutamates with Azobenzene Moieties: Investigations of Photoinduced Changes in the Optical Properties and Structure of the Films," Langmuir 1995, Vol. 11, p4460-4466	
		Menzel, H. et al., "Small-Angle X-ray Scattering and Ultraviolet-Visible Spectroscopy Studies on the Structure and Structural Changes in Langmuir-Blodgett Films of Polyglutamates with Azobenzene Moieties Tethered by Alkyl Spacers of Different Lengths" Langmuir 1994, Vol. 10, p. 1926-1933	
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